



U.S. Department of Labor
Occupational Safety & Health Administration

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Directorate of Science, Technology and Medicine
(DSTM)

June 23, 2003

Salt Lake Technical Center (SLTC)

Directorate of
Science, Technology
& Medicine

Jimmy Roberts
Director

Keith Motley
Deputy



Salt
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Technical
Center

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"The SLTC offers Integrated Solutions to Agency Problems"

- To conduct extensive analyses, test, and studies of workplaces to evaluate compliance with OSHA regulations and/or the existence of hazards.
- To develop and manage the OSHA Technical Links for the agency and other users.
- To manage agency mandated certification of clinical testing laboratories.
- To provide emergency field response to Regional and Area Offices.
- To serve as the Agency experts and provide technical support in the areas listed above to all customers, as appropriate.
- To provide integrated solutions to Agency problems using personnel well-versed in chemistry, engineering, computer science, and industrial hygiene.

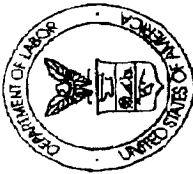
USDOL/OSHA/SLTC
1781 South 300 West
Salt Lake City, UT 84115-1802
(801)524-7900

Revised: 05 May 2003

ATTN: Reception *Analytical Lab*

U.S. Department of Labor

Occupational Safety and Health Administration
Suite B-12
3939 West Ridge Road
Erie, PA 16506
(814) 833-5758



Establishment Name: Federal Correctional Institution, McKean, Lewis Run, PA/UNICOR Factory						
Job Title and/or Operation(s)	Contaminant(s) Sampled	Exposure(s) mg/m ³ ppm noise	PEL mg/m ³ ppm noise	%PEL (Exposure divided by PEL X 100 = %)	Date Sampled	Comments
Saw Operator	Respirable Silica	None detected	Not Determined	Not Applicable	6/17/03	Work practices produce the most dust exposure. Controls cut of product
Saw Operator	Total Particulate	0.54	15.00	3.6%	6/17/03	Good respirator use
Feeder Operator	Respirable Silica	None detected	Not Determined	Not Applicable	6/17/03	Good respirator use
Feeder Operator	Total Particulate	1.1	15.00	7.6%	6/17/03	Good respirator use
Area Sample	Synthetic Vitrious Fiber (SVF)	Fibers/CC None Detected	3 Fibers/CC REL (NIOSH) 15.00*	Not Applicable	6/17/03	Area Sample Above Panel Saw. Four Samples Taken
Bulk Samples	SVF, Silica	30% SVF 20% Silica	Not Applicable	Not Applicable	6/17/03 6/18/03	Settled Dust at Processes
Router and Shaper Operation	Silica	None Detected	Not Determined	Not Applicable	6/18/03	Lower Band of Respirator was not attached.
Router and Shaper Operation	Total Particulate	1.50	15.00	10.3%	6/18/03	Good respirator use
Area Sample	Synthetic Vitrious Fibers	None Detected	3 Fibers/CC REL (NIOSH) 15.00*	Not Applicable	6/18/03	Sample taken above router. Two Samples Taken

PEL = Permissible Exposure Limit, AL = Action Level (usually half of the PEL), TWA = Time Weighted Average (an 8hr exposure); STEL = Short Term Exposure Limit (15 Min); C = Ceiling (value that can never be exceeded)

* Regulated as a nuisance dust, REL (Recommended Exposure Limit)